


Multilayer interference pigments with titanium di:oxide platelet substrate

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Multilayer interference pigments are claimed which consist of a TiO₂ platelet substrate with alternating layers of low and high RI (difference at least 0.1) metal oxides, production being by depositing and hydrolysing an aqueous solution of a thermally hydrolysable Ti compound on an endless belt, followed by detaching, wet process coating the resulting TiO₂ platelets (with or without intermediate drying) with alternating coatings of low and high RI metal oxide hydrates by hydrolysis of the corresponding water-soluble metal compounds, separating off the product and drying and optionally also calcining it. The production process is also claimed per se.

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